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[12]实用新型专利说明书

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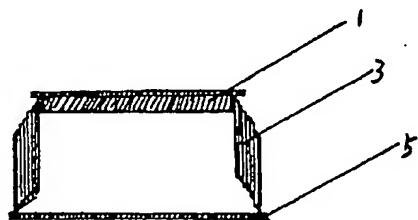
[21]申请号 96245805.8

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[54]实用新型名称 一种水杯

[57]摘要

一种杯身能够伸缩的水杯，它的杯身由多节构成，每个上节都可以顺次缩入到它的下一节中，用时可以把杯身拉开，不用时水杯可以缩小到很小体积，携带十分方便。



权 利 要 求 书

一种水杯，杯盖通过螺旋扣和杯身连接；其特征是：杯身由多节构成，每个上节都可以顺次缩入到它的下节中。

说 明 书

一 种 水 杯

本实用新型涉及一种水杯，尤其是杯身可以伸缩的水杯。

现在公知的水杯，杯身是不能够缩小的，故体积很大，不便于携带。

本实用新型的目的是提供一种杯身可以伸缩的水杯，不用时或携带时，杯身可以缩小到很小体积，携带十分方便。

本实用新型的目的是这样实现的：水杯的杯身由很多的节构成，并且每个上节都可依次缩入到它的下一节中，用时可以拉伸开杯身，不用时，又可以收缩杯身，缩小水杯体积。

由于采用了上述方案，水杯十分便于携带。

下面结合附图和实施例对本实用新型进一步说明。

图1是本实用新型杯身压缩后纵剖视图。

图2是本实用新型实施例伸展后纵剖视图。

图中 1. 杯盖 2. 螺旋扣 3. 杯身节 4. 橡胶圈 5. 杯底

在图1中，杯盖(1)与杯身节(3)与杯底(5)顺次连接。

在图2所示实施例中，杯盖(1)通过螺旋扣(2)与杯身节(3)相连，这样在杯身压缩后又可以借助于杯盖把杯身顺利的拉开。杯身上的每个杯身节都可以依次缩入到它的下一节中，从而保证杯身体积可以被压缩。为了使杯身节之间的密切性好，每个杯身节上都缠有橡胶圈(4)。杯底(5)的底表面积略大，这样使杯子有很好的稳定性。

说 明 书 附 图

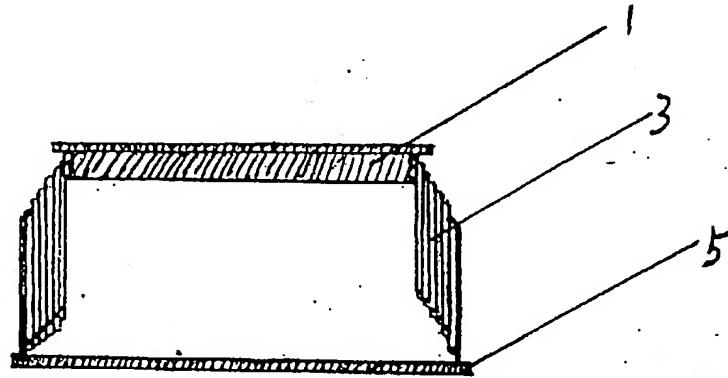


图1

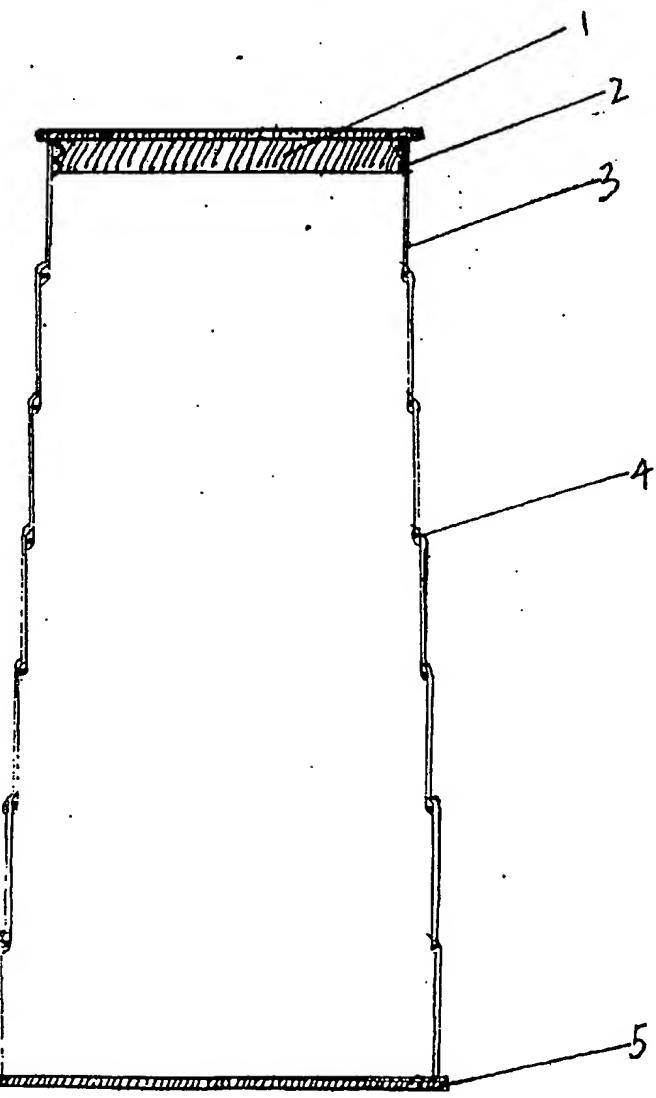


图2



[12] Utility Model Patent Description

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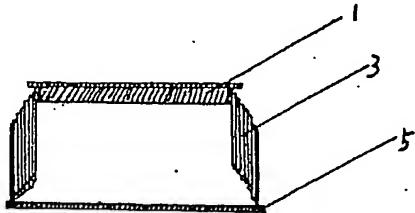
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1 Page of Claims, 1 page of Description
and 1 page of Figures

[54] Title of the Invention: A water cup

[57] Abstract:

A water cup with a cup body that can be extended and compressed, its cup body having a multisection structure, each upper section compressing in sequence into the section below it, and during use the cup body can be pulled open, while when not in use the water cup can be compressed to a very small size, extremely convenient for carrying.



(BJ) No. 1452

Claims

A water cup, the cup lid being connected to the cup body by screwing on, as characterized by: the cup body being constituted from multiple sections, each upper section being able to be compressed in sequence into the section below it.

Description

A WATER CUP

The present utility model relates to a water cup, in particular a water cup whose cup body can be extended and compressed.

In commonly known water cups at present, the cup body cannot be compressed, so its size is very large and it is inconvenient for carrying.

The object of the present utility model is to provide a water cup whose cup body can be extended and compressed, and when not being used or being carried, the cup body can be compressed to a very small size, extremely convenient for carrying.

The object of the present utility model is achieved in this manner: the cup body of the water cup is composed of many sections, and each upper section can be compressed in sequence into the section below it, the cup body can be extended during use and when not being used the cup body can also be compressed, shrinking the water cup size.

Because of the adoption of the above-described program, the water cup is extremely convenient to carry.

A further description of the present utility model is provided below in conjunction with the attached drawings and embodiment.

Figure 1 is a cross-sectional view of the present utility model after the cup body is compressed.

Figure 2 is a cross-sectional view of the present utility model after the embodiment is extended.

In the figures, 1. Cup lid 2. Screwing lock 3. Cup body section 4. Rubber ring 5. Cup bottom

In Figure 1, the cup lid (1) is connected with the cup body sections (3) to the cup bottom (5) in order.

In the embodiment shown in Figure 2, the cup lid (1) is connected with the cup body sections (3) by screwing on and locking (2), and in this manner the cup body after compression can aid the cup lid in pulling open the cup body in sequence. Each of the cup body sections on the cup body can be compressed in sequence into the section below it, thereby ensuring that the cup body size can be compressed. In order to create a close seal between the cup body sections, a rubber ring (4) is wound onto each cup body section. The bottom surface area of the cup bottom (5) is slightly larger, and in this way it gives the cup very good stability.

Figures Attached to the Description

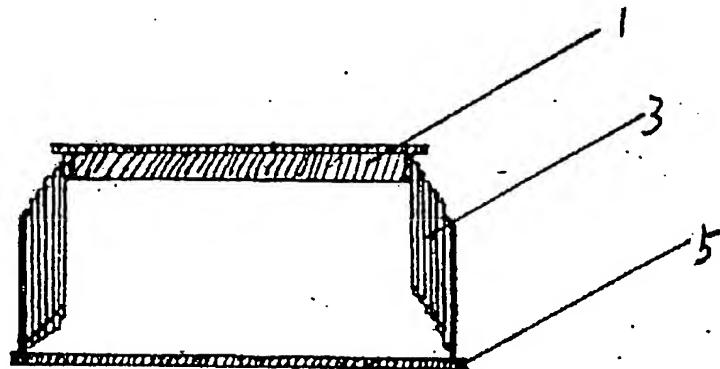


Figure 1

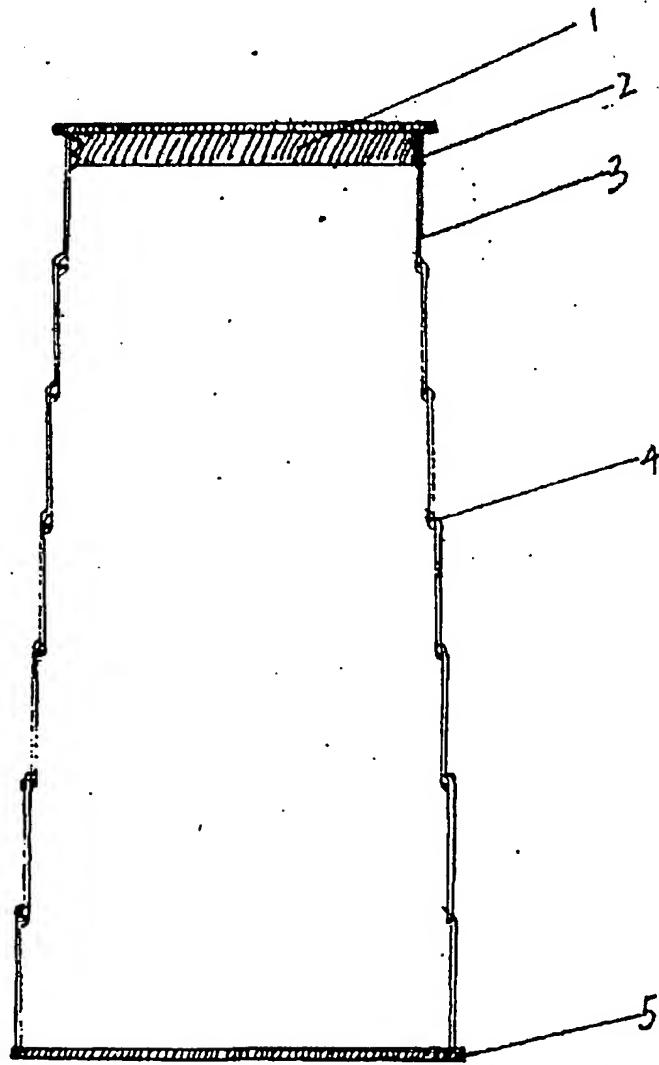


Figure 2